

Composition of complexes of rare-earth elements with  
nitrotri-acetic acid in ion-exchange chromatography  
by N. D. Mitrofanova, L. I. Martynenko. 3 pp.

RUSSIAN. per. Zhur Neorgan Khim. No 5. 1962  
pp 1049-1053.

CS

Sci

Apr 63

233,403

so,  
The Formation of Complex Compound of Neodium and  
Itrerbium with Ethylenediaminatetracetic Acid  
with Cation-Exchanging Chromatography, by L. I.  
Martynenko, 10 pp. UNCL

RUSSIAN, per, Nauchnyye Doka Vyssheye Shkoly, Khim 1  
Khim Tekh, No 1, 1959, pp 64-87. 9660769

ATTN: MCL-249/III

Sci - Chem

149,697

Apr 61

Telecon IC 41547

Autonomous Optical Technique to Determine the Orientation  
of an Earth Satellite in Space, by G. E. Krylov,  
I. A. Martynenko, 9 pp.

RUSSIAN, bk, Issledovaniya Sputniki Zemli, Vol XIV,  
1962, pp 145-.

CB

Sci  
Dec 63

Independent Optical Method of Determining the Earth  
Satellite Orientation in Space, by G. N. Krylov,  
I. A. Martynenko, et al.  
RUSSIAN, bk, ~~Iskusstvo Soutolki Zemli~~, No 14,  
1962, pp 145-151.

NASA TT F-8397

Sci - Aero  
mar 64

251,932

U. S. GOVERNMENT ONLY

Automatic Helical Build-Up Welding of Shafts;  
by S. Agmonov, I. Martynenko. UNCL

RUSSIAN, PWT, Morokoy Plot, No 9, 1958,  
Ms pp 17-19.

DSIR LAM RTS 1207

(5a. 0a.)

Scl - Hgr  
Dec 59

102,502

Photometric Determination of Boron in Steel,  
by I. U. Martynenko and A. M. Bondarenko,  
4 pp.

ANAL <sup>XII</sup> <sup>4</sup>  
RUSSIAN, per, Zhur ~~PERK~~ Khim, Vol ~~PERK~~, No ~~6~~,  
1957, pp 495-498. 9070954

Consultants Bureau

Sci - Chem  
Aug 58

61; 6 2.1

12 965

US-4 US-5 • US-8

MARTYNCHENKO I. V., BONDARENKO A. M.

Photometric determination of boron in steel

• Zhur. Analit. Khim., 12, No. 4, 495-498 (1957)

US-4 US-5: CRL/T.108M1784. \$ 3.30 (ph), \$ 2.40 (mf),  
61-13114 - English

• US-8: \$ 7.50 - English

E u r a t o m

Determination of the instability constant of  
Ceria (IV) Ethylenediaminetetraacetate  
by L. I. Martynenko, L. I. Martynenko  
Khim. i. tekhn. anal. 1965, Vol 145, no 3  
Nov. 1965, 652-655

*L. I. Martynenko*

June 1966

384, 342



S-5506

(RC-3083).

Certain Problems of the Chromatographic Separation  
of Rare Earth Elements, by L. I. Martynenko, 14 pp.

RUSSIAN, in, *Radkozemel'nyye Elementy* (Polucheniye,  
Analiz, Primeneniye), 1958, pp 112-120.

JPRS-L-1929-D

Sci - Chem  
Nov 59

101, 701

Complex Compounds Formed by Rare-Earth Elements with  
Ethylenediaminetetraacetic Acid, by L. I. Martynenko,  
5 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 12, 1961,  
pp2704-2712.

Cleaver-Hume Press Ltd.

Sci

Oct 62

213,923

7.  
Fundamental Boundary Value Problems in Potential Theory for a Space with an Elliptic Slot.  
The Pressures Due to an Elliptic Dis on an Elastic Half-Space, by M. B. Martynenko.  
RUSSIAN, per. Dokl Ak Nauk SSSR, Vol 176, No 1, Sep 1967, pp 53-55.  
Am Inst Phys  
Vol 12, No 3, Mar 1968

Apr 68

352,146

Action of Bromide and Caffeine on the Central Nervous System and the Course of Parathyroid Tetany, by M. P. Martynenko, 9 p.

RUSSIAN, per, Fiziolog; Zhur SSSR, Issue 7, 1959, Vol XLV, No 5, 1959, pp 586-592

FP

Sci  
Jan 60

106,658

Visual Observations of Meteors in Simferopol, by  
I. T. Lotkin, V. V. Martynenko, 9 pp.

RUSSIAN, bk, Issledovaniya Ionosfery (Meteory),  
No 8, Rezul'taty Issledov, po Programme Mezhdunarod,  
Geofiz, Goda, Izdat, Akad Nauk SSSR, 1962,  
pp 97-101.

Navy Tr 3220/H 905

Sci - Geophy

Rep 62

211, 286

(DC-2646)

Simferopol Meteor Station Imeni G. O. Zatoyshechikov,  
by V. V. Martynenko, B. I. Gol'dberg, 6 pp.

RUSSIAN, per, Byulleten Vses Astron Geodez  
Obschi, No 22 (29), 1958, pp 42-46.

JPRS 710-D

Sci - Geophysics  
May 59

88,010

A New Method for the X-Ray Investigation of the  
Structure of Radioactive Materials, by S. T.  
Konobeyevskiy, B. M. Levitskiy, Yu. A. Martyniuk,  
4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIV, No 4, Apr  
1956, pp 870-873.

~~XXXXXXXXXXXX~~  
Amer Inst of Phys  
Soviet Phys-Tech Phys  
Vol I, No 4

.51, 723

Sci - Physics  
Aug 57

Separation of Primary and Secondary  
Particles in Mass Spectrometric In-  
vestigations of the Upper Atmosphere,  
by G. M. Martynkevich.

RUSSIAN, per. Trudy Tsentralnoy Aero-  
logicheskoy Observatoriy, No 72,  
1966, pp 73-84.

CIA X-7029

*G. M. Martynkevich*

May 69

382,360



Notes of Mass Spectrum Analysis of Composition  
of the Upper Atmosphere and Measurement Errors,  
by G. M. Martynkevich, 9 pp.  
RUSSIAN, par. Trudy Tsentral'noy Aerologii-  
Cheslov Observatori, No 77, 1967, pp 44-50.  
JPRS 46,725

G. M. Martynkevich

Sci/Atmos Sci  
Nov 68

370,046

Relation Between the Structural Units of  
the Vapour and Liquid Phase, by G. M.  
Martynkevich.

RUSSIAN, per, Stroenie i fiz. Svoistva Veshchestva  
v Zhidkom Sostoyanii. Min. Vysshogo i Srednego  
Spets. Obrazov Ukr. SSR. Kievsk. Gos Uni.,  
Materialy 4-go (Chetvertogo) Svesch, Kiev,  
1959, pp 92-95 (1962)  
CRL/T. 1566

*G. M. MARTYNEVICH*

Sci -  
Jul 67

333,910

- TT-65-13992

Field 4A

Martynkerich, G. M.  
ON MASS-SPECTROMETRIC STUDY METHODS OF THE  
MOLECULAR (NEUTRAL) COMPOSITION OF THE UPPER  
ATMOSPHERE. 20p, 2 refs.  
Order from SLA: \$1.60 as TT-65-13992

Trans. of Tsentralnaya Aerologicheskaya Observatoriya.  
Trudy (USSR) n46 p63-75 1963.

MR 669

(SF-2091)

MECHANIZATION OF TRANSPORT OPERATIONS  
AT ENTERPRISES OF THE TEXTILE INDUSTRY,  
BY F. S. KUPRIYANOV, F. F. MARTYNIKIN,  
17 PP.

RUSSIAN, PER, NEKH I AVTOMAT MIDIZ,  
NO 3, 1960, PP 39-44.

JPRS 112476

USSR  
ECON

183,091

Semiautomatic Instrument for the Testing of Gear  
Wheels, by A. D. Martynov, 4 pp. UNCLASSIFIED

RUSSIAN, per, Izmeritel'naya Tekhnika, No 4,  
Jul-Aug 1957, pp 34-35, CIA 000007

ATIC F-TS-9432/III

Sci - Engr

Aug 58

70, 223

Practical Aerodynamics, by A. K. Martynov. 112  
RUSSIAN, bk, 1965.  
Pergamon Press

Sci-Phys  
May 66

301,162

107  
The Runk-Hilsch Effect During High Gas  
Pressure, by A. V. Marty'nov.  
RUSSIAN, per, Trudy Konferentsiya po  
Kholodn'm Tokm v Nar Kh-vo SSSR,  
1962, 1, Gostopizdat, 1963, pp 229-233.  
\*FTD-TT-65-1592

A. V. Marty'nov

Sci-Fuel & Prop  
Oct 65

Experimental Aerodynamics, by A. K. Martynov,  
RUSSIAN, bk.

\*Pergamon Press

Aug 59



Experimental Aerodynamics, by A. K. Martynov,  
(AF 306474). UNCLASSIFIED

RUSSIAN, bk, 1950, pp 83-88, 126-177, 254-337,  
372-396.

ATIC F-TS-8210

Scientific - Aeronautics

14,108

May 54 CTS/DEX

Scattering of Mesons by Nucleons in the Theory  
of Radiation Damping, by A. S. Martynov, 3 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,  
Vol XXVIII, No 1, 1955, pp 287-290. CIA C 40845

2, 1, 1  
American Inst of Physics  
57 East 55 St.  
New York 22, N. Y.

31,262

Scientific - Physics

RECEIVED BY THE DIRECTOR, BUREAU OF THE ARMY  
OF ELECTRICAL ENGINEERING, AT THE ARMY, 3 FT

RECEIVED BY THE DIRECTOR, BUREAU OF THE ARMY, NO 1,  
1943, 77 11 12.

JUN 1943

RECEIVED  
BUREAU  
JUN 63

RECEIVED, 412

Investigation in the Field of Compounds Containing a  
Three-Membered Oxide Ring, XXIV. Synthesis of  $\beta, \beta'$ -  
Disubstituted Nitriles of Glycidic Acids, by B. F.  
Martyngov, A. V. Schchelkunov, 4 pp. }

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12,  
1958, pp 3248-3252.

Consultants Bureau

Sci

Feb 5260

108,985

AN INCIDENT FROM THE CUBAN ATROCITIES ON THE SOVIET  
UNION, BY HENRY M. HARRIS, 6 PP.

WASHINGTON, DC, INTERNATIONAL PRESS, 25 OCT 1962, P 4.

JOHN F. HARRIS

1962  
101  
101  
101

201, 201

The Potential for Increasing the Efficiency  
of Managerial Work in the Machine Building  
Industry of Khar'kov, by R. Martynenko, 6 pp.  
RUSSIAN, in, Sotsialisticheskoy Trud, No 5,  
May 1965, pp. 30-33.  
JPRS 3105

1965  
Born  
Aug 65

R. Martynenko

235,673

Special Genetic Assignment: LVIII. The State  
Astronomical Institute "P. K. Shternberg": : by  
D. Ya. Martynov, 15 pp.

RUSSIAN, bk. Gosudarstvennyy Astronomicheskii  
Institut, imeni P. K. Shternberga, 1958.

AID/SIR-3094

Sci. Astronomy  
Dec 59

105,346

The Visual Stellar Magnitude of the Sun,  
the Moon, and the Lux, by D. Ya. Martynov,  
12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4,  
1959, pp 648-661.

Amer: Inst of Phys  
Soviet Astron-AJ  
Vol III, No 4

Sci

Mar 60

110,696



Reports on Observations of the Solar Eclipse of  
30 June 1954, by D. YA. Martynov, et al, 47 pp.  
RUSSIAN, pp 3-30, 1954.

Amer Meteorol Soc for  
Geophys Res Dir, ASTIA  
T-194

A Year of Work in New Methods of Supply and  
Distribution Goals and Prospects, by N. V.

Martynov. 51 pp.

RUSSIAN. per. Materialno-Tekhnicheskoye

Snatkheniye. No 1, 1967. pp. 1-9.

JPRS 160473

*N. V. Martynov*

USSR

Econ.

Apr 67

319.625

A Course in Practical Astrophysics, by D. Ya.  
Martynov.

RUSSIAN, bk, 1960.

\*Possibly ~~1960~~ CB

Sci

May 63

Changes in the Design of Microphotometer MF-100  
After Measurement of High Densities, by D. Ia.  
Gortyrov, V. Ia. Alauseva, 6 pp.  
RUSSIAN, per, Astron Zhur, Vol XXIV, No 3, 1971.  
pp 435-439. C 1A 645311  
ATTC 1475-2010/4

Sci 59 Astron  
121 59

82, 820

The Puzzle of Venus, by D. Ya. Martynov, 31 pp.  
RUSSIAN, per, Priroda, No 10, 1960, pp 8-15.

JPRS 9552

Sci - Astron

Jul 61

160,145

The Radius of Venus, by D. Ya. Martynov, 7 PP.  
RUSSIAN, per, Astron Zhur, Vol XXXVII, No 5, 1960,  
PP 848-855.

AIP  
Sov Astron - AJ  
Vol IV, No 5

Sci

Jun 61

158, 199

Photographic Film Having Visual Spectral Light  
Sensitivity, by A. V. Borin, D. Ya. Martynov,  
T. I. Chelish, 16 pp.

RUSSIAN, per, Astron Zhur, Vol XXIX, No 1, 1952,  
pp 5-13.

CTA/FDD/X-1076

Chemistry  
Medicine

CTS/DEX

5571

31  
Recent Data about Physical Conditions on  
Planets of the Terrestrial Type, by D. Ya.

Martynov, 33 PP.

RUSSIAN, Col of Art, Yosishimskaya Zhizni

ya Vasilovskiy. Doklady na Svyazobrazni Komissii

ya Komissii Astronomicheskoy Soveta An SSSR,

1963, pp 36-76.

P100030063-V

FTD-MT-64-233

Sci-Atmospheric Sci

Feb 68

350,583

D. YA. MARTYNOV



The Relationship of the Velocity of Rotation  
in Elastic Coups to the Degree of Retardation  
by A. E. Petrov, E. G. Martynov, 1958

Russkii, per, Dok Ak Nauk SSSR, Vol. XXII, No. 5  
pp. 439-441.

Consultants Bureau

Sci

Jan 60

104,766

Martynov, G.  
A POLAR SCALE. Trans. on Soviet Geodesy 1925-40.  
10 Jan 61, 2p. JPRS: R-112-N/35.  
Order from OTS \$0.50

61-21021

Trans. of Geodezist (USSR) 1934 [v. 10] no. 8,  
p. 51-52.

61-21021

1. Geodesics--Theory
2. Title: Polar scale
- I. Martynov, G.
- II. Title: Soviet...
- III. JPRS-R-112-N/35
- IV. Joint Publications Research  
Service, New York

Office of Technical Services

(Earth Sciences--Geodesy, TT, v. 5, no. 8)

High Temperature Hardness of Cast Permanent-  
magnet Alloys, by G. A. Martynov, N. D. Guterman.  
RUSSIAN, per, Metallov. Term. Obr., Ser., No 8,  
1968, pp. 64-65.  
ALL text: 9022.401 (740/46)

*G. A. Martynov*

sci-ent  
set 59

399,22c

Thermodynamics of Electrolytic Solutions of  
Medium Concentration, by G. A. Martynov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,  
No 3, Mar 1968, pp 629-632.  
CB

G. A. MARTYNOV

Sci/Meth & Equip  
Nov 68

370,264

The Equation of the Phase Transition Curve, by  
G. A. Martynov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3,  
1959, pp 620-622.

CB

Sci

Oct 60

130,057

Solution of the Inverse Stefan Problem in the  
Case of Axial Symmetry, by G. A. Martynov.

Transport of Heat and Moisture in Freezing and Thawing Soils; by G. A. Martynov, 56 pp.

RUSSIAN, bk, Osnovy Geokriologiyi, Chapter VI, Part 1, 1959, pp 153-192. 920674

NRC TT-1065

Sci - Earth Sci/Astron

Jul 63

238,346

The Distribution of Heat in a TwoPhase System  
for a Specified Equation of Motion of the Phase  
Boundary, by G. A. Martynov, 17 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXV, No 10,  
1955, pp 1754-1767.

4230  
Sci Tr Center RT ~~4489~~

42,051  
Scientific - Physics  
Dec 56 CTR

Sci. Memo. Ser. No. 56/10  
A.E. L. ... 710

u  
7

The Application of Germanium Transistors in the  
Equipment Which is Used in Power-System Channels Which  
Are Designated for the Purposes of Protection,  
Remote Control and Communication, by G. K. Martynov,  
V. V. Pavlov, // ~~pp~~.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 6,  
Jun 1956, pp 570-580.

Consultants Bureau

Sci - Electronics  
Sep 57

53,171



The Determination of the Dynamic Deformation of the  
~~XX~~ Frog Springs and Crank Arm When the Loom Bangs  
Off (Conclusion), by I. A. Martynov, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil  
Prom, No 5 (18), 1960.

Textile Institute

Sci  
24 Jul 62

203,976

The Determination of the Dynamic Deformations of the  
Frog and Catch Springs When the Loom Rangs Off, by  
I. A. Martynov, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb. Zaved, Tekh. Tekstil  
Prom., No 4(27), 1960.

Textile Institute

Sci

May 62

193,466

64  
Method of Obtaining Fluorinated Nitromethanes  
Containing Hydrogen, by I.V. Martynov,  
Yu. L. Kruglyak, et al. 2 pp.  
RUSSIAN, Patent No 159821, 21 Jul 1962, 1 p.  
P100289467  
FTD-RT-66-625

*I. V. Martynov*

Sci/Chemistry  
Nov 67

343,308

(NY-6994)

Experience of the Operation of House ATS on  
Leningrad City Telephone Exchange, by  
M. A. Martynov, 9 pp.

RUSSIAN, per, Vestnik Svyazi, No 2 (263), 1962.

JPRS 13870

Sci

June 62

197,500

S-4202

(DC-1717)

u  
According to the New Curriculum, by M. P.  
Martynov, 3 pp.

RUSSIAN, np, Uchitel'skaya Gazeta, No 10, 25 Jan  
1958, Moscow, p 3.

US JPRS/DC-L-268

USSR  
Soc  
Jul 58

66,910

The Isomerization of Methylphenylethynylcarbinol in an  
Acid Medium, by E. D. Venus-Danilova, A. P. Ivanov, I.  
I. Martynov, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951,  
pp 1806-1810.

Consultants Bureau, 1952

USSR

*Oct 1951*

Scientific - Chemistry

*A-4431*

Enhancement of the Pyrogenic Action of  
Sulfosin, M. G. Malkina, L. A. Martynov,

8 PP

RUSSIAN, per, Farmakol i Toksikol, Vol XXI,  
No 3, 1958, pp 47-48

Consultants Bureau

Sci - Med

Apr 59

85,633

(NY-1374/42)

Case of Severe Food Toxin Infection  
with a Cholera-Like Course, by  
I. V. Martynov

RUSSIAN, mo per: Voenno Med Zhur,  
No 5, Moscow, May 1961, pp 66-67

170,406

US JPRS: 10052

sci  
sep 61



Is it Not Time to Modify the Preflight Procedure,  
by M. I. Martynov, N. I. Paddayev, 7 pp.  
FOR OFFICIAL USE ONLY

RUSSIAN, per, Vest Voz Flota, No 1, 1960, pp 27-33.  
654801

ATIC

Sci

Aug 60

126,671

S-4202

According to the New Educational Plan, by M. P.  
Martynov.

RUSSIAN, np, Uchitel'skaya Gazeta, 25 Jan 1958, p 3,  
Col 4-5.

(NY-3000)

THE ROLE OF INDUSTRIAL WORKERS IN THE DEVELOPMENT  
OF AGRICULTURE, BY N. MARTYNOV, 6 PP.

RUSSIAN, PER, PARTIYNAYA ZHIZN', NO 4, 1962,  
PP 31-37.

JPRS 14413

USSR  
ECON

202, 477

JUL 62

(DC-2700/85)

Improved Machines for Cotton Growers, by K.  
Martynov, 4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 3 Jan 1961.  
p 2.

JPRS 8651

USSR

Econ

Aug 61

163707

FRAGMENT OF THE BOMBING MACHINE-BUILDING PLANT,  
BY M. TROTSKY, 3 PP.

FRAGMENT OF THE BOMBING MACHINE-BUILDING PLANT,  
1903, P. 2.

JUN 1907

2000  
2000  
2000 6)

294,000

(NY-3000)

~~TOP SECRET~~

To Speed up the Full Mechanization of Cotton,  
Production, by N. V. Martynov, 7 pp.

RUSSIAN, per, Traktory i Sel'khoz May 1961, pp 2, 3.

JPAS 10006

167,989

USSR

Econ

Sep 61

Cold Extrusion of Components of Low Carbon  
Steel, by S. G. Martynov, M. N. Efremov.  
RUSSIAN, per, Duzn. Stal'nyy Proizvodstvo,  
Vol 9, No 2, 1967, pp 48  
HB 7227

96

*S. G. Martynov*  
Sci - Mech  
Aug. 67

338,576

AN INCIDENT FROM THE GERMAN ATTACK ON THE SOVIET  
UNION, BY SERGEY MART'YANOV, 6 PP.

RUSSIAN, NP, KAZAKHSTANSKAYA PRAVDA, 28 OCT 1962, P 4.

JPRS 18281

USSR  
MIL  
MAR 68  
XXXXXX

225,566



Kinetics of Direct Oxidation of Impurities in  
Liquid Iron, by S. I. Filippov, S. Z. Martynov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,  
No 1, 1961, pp 5-11.

HB 5134

Sci - Chem

Aug 61

164,328

Coombs' Antiglobulin Test in the Diagnosis  
of Auto-immune Hemolytic Anaemias, by S. M.  
Martyanov, Kh. V. Kuril, Ya. I. Mikiforuk,  
A. R. Rabinovich, 5 pp.

RUSSIAN, per, Problemy Gematol i Perel Krovi,  
Vol II, No 6, 1957, pp 15-19.

Pergamon Inst

Sci - Med

Apr 59

84,560

( ).

The Congo Under the Yoke of Imperialism, by V. A.  
Martynov.

RUSSIAN, bk

CIA FDD/X 4392

USSR

Sociological

9 Aug 60

Investigation in the Field of Compounds  
Containing Three-Membered Oxide Rings.  
XXVI. The Study of the Interaction of  
Aniline with the Ethyl Ester of  
*o*-Phenylglycidic Acid, by V. F. Martynov,  
G. Ol'man, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,  
No 6, 1961, pp 1806-1811.

C3

201,859

Sci

Jun 62

Studies in the Field of Compounds Which Contain  
Three-Membered Oxygen Rings. XXII. The Reaction  
of Glycidic Acid Esters With  $\alpha$  - and  $\beta$  -naphthy-  
lazines, by V. F. Martynov, N. P. Sukhinin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,  
1958, pp 2075-2081.

CB

Sci - Chem  
Oct 59

99,064

Studies in the Field of Compounds which Contain  
Three-Membered Oxygen Rings. XXIII. The Reaction  
of Ethyl Esters of  $\beta$ -Methyl-  $\beta$ -butyl- and  $\delta$ -  
Methyl-  $\beta$ -phenylglycidic Acid With Aniline, by  
V. F. Martynov, Ya. A. Kastron, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 6,  
1958, pp 2082-2084.

CB

Sci - Chem  
Oct 59

99,065

Investigation of Compounds Containing a Three-  
Membered Oxide Bz Ring. XX. Reaction of Ethyl  
Esters of 2-Nitrophenylglycidic Acids and 2-  
p-Chlorophenylglycidic Acid with Ammonia and  
Aniline. V. P. Martynov and G. Ol'man, 7 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXVIII,  
No 3, 1958, pp 532-540.

Consultants Bureau

Sci - Chem

May 59

87,349

Investigation of Compounds Containing a Three-  
Membered Oxide Ring. XXI. Reaction of Amides  
of 3-Tetra- and 5-Pentamethyleneglycolic Acids  
with Methyl- and Benzylamines. by V. F. ~~YATVICH~~  
and Zh. D. Vasyutina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 3, 1958, pp 601-604.

Consultants Bureau

Sel - Chem

May 59

87,351



Compounds Containing a Three-Membered Oxide Ring.  
XVI. Reaction of Ammonia With Esters of Glycidic  
Acids, by V. F. Martynov, Zh. D. Vasyutina, L. P.  
Nikulina, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,  
May 1956, pp 1405-1412.

Consultants Bureau

Sci - Chemistry  
May 57

47, 304

Investigation in the Field of Compounds Containing a  
Three-Membered Oxide Ring. XIII. Reaction of the Ethyl  
Ester of  $\beta, \beta'$ -Pentamethyleneglycidic Acid with p-  
Toluidine, o-Toluidine and p-Anisidine, by V. F.  
Martynov, N. I. Larina, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV,  
No 4, Apr 1955, pp 754-757. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

*218890*

Compounds Containing a Three-Membered Oxide Ring.  
XV. Study of the Reaction of the Ethyl Ester of  
 $\beta$ -Methyl- $\beta$ -Propylglycidic Acid With Aniline, by  
V. F. Martynov, Ya. A. Kastron, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 1,  
1956, pp 63-65. CIA 9000404 C, Reel No 21

Consultants Bureau

Sci -- Chemistry

Sep 56 CTS

38,638

Investigation / in the Field of Compounds Con-  
taining a Three-Membered Oxide Ring. X. The  
Reaction of the Ethyl  $\beta,\beta$ -Pentamethylene-  
glycidate With Aniline, by V. F. Martynov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 12, 1953, pp 2006-2008. CIA D 151308

Consultants Bureau

Scientific - Chemistry  
May 55 CTS

23,344

Investigation in the Field of Compounds Containing  
Three-Membered Oxide Rings. IX. Condensation of  
 $\alpha$ -Haloketones With Furfural, by V. F. Martynov,  
4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11,  
1953, pp 1884, 1885. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 CTS

22,626

V  
Compounds Containing a Three-Membered Oxide Ring.  
II. The Reaction of Ethyl- $\alpha$ , $\beta$ -dimethylglycidate  
With Hydrogen Sulfide, by V. F. Martynov, N. A.  
Rozepina, 4 pp. UNCLASSIFIED

RUSSIAN, paper, Zhur Obshch Khim, No 9, 1952,  
pp 1577-1579.

Consultants Bureau

Scientific - Chemistry

CTB/DEX

17,000

Investigation of Compounds Containing a  
Three-Membered Oxide Ring. XVII. Con-  
densation of Chloroacetonitrile with Ket-  
ones. Synthesis of  $\beta, \beta'$ -Disubstituted  
Nitriles of Glycidic Acids, by V. F. Martynov  
and A. V. Shehelkunov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 5, 1957, pp 1188-1190.

Consultants Bureau

Scl. - Chem  
Sep 58

72, 657

Investigation of Compounds Containing a Three-  
Membered Oxide Ring. XVIII. Reaction of the  
Ethyl Ester of -Tetramethyleneglycolic acid  
with Aromatic Amines, by V. F. Martynov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No  
5, 1957, pp 1191-1194.

Consultants Bureau

Sci - Chem

Sep 58

72,852



Investigation of Compounds Containing Three-  
Membered Oxide Rings. XII. Reaction of the Ethyl  
Ester of  $\beta, \beta'$ -Diethyl- and of the Ethyl Ester of  
 $\beta, \beta'$ -Dipropylglycidic Acid With Aniline, by V. F.  
Martynov, V. F. Martynova, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 12,  
1954, pp 2146-2149. CIA 542752, reel 3.

Consultants Bureau

37,658

Scientific - Chemistry  
Aug 56 CFB

Compounds Containing a Three-Membered Oxide Ring. I.  
Reaction of Ethyl- $\beta,\beta'$ -dimethylglycidate With  
Ammonia, by S. N. Danilov, V. F. Martynov, 4 pp.  
UNCLASSIFIED

RUSSIAN, no per, Zhur Obshch Khim, No 9, 1952,  
pp 1572-1576.

Consultants Bureau

Scientific - Chemistry

CBS/DEX

16,999

Studies in the Field of Compounds which Contain a  
Three Membered Oxide Ring, XXV. The Reaction of  
Methyl  $\alpha$ -Methylglycidate with Aromatic Amines, by  
V. P. MARTYNOV, Chou I-ming, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,  
1960, pp 3174-3178.

CB

171, 716

Sci

Oct 51

Investigation in the Field of Compounds Containing  
a Three-Membered Oxide Ring. XIX. Investigation  
of the Reaction Between  $\beta$ -Arylglycidic Acids  
and Ammonia and Aromatic Amines, by V. F. Martynov,  
G. Olman, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,  
1957, pp 1881-1891.

Consultants Bureau

Sci - Chem

Oct 58

74, 234

V  
Compounds Containing a Three-Membered Oxide Ring:  
XIV. Reaction of Some Ethyl Esters of  $\beta$ -Monocalkyl-  
substituted Glycidic Acids With Aniline, by V. F.  
Martyanov, G. Olman, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIV, No 8,  
Aug 1955, pp 1561-1565. CIA C 42156.

Consultants Bureau

Sci . Chemistry

Jun 1956/Dex

35,090

Compounds Containing a Three-Membered Oxide Ring.  
XI. Reaction of Ethyl  $\beta$ -Methyl- $\beta$ -ethylglycidate  
With o- and p-Toluidine, by V. F. Martynov,  
Ya. Kastron, 3 pp.

Full translation.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 3,  
USSR, Mar 1954, pp 498-500. CIA D 151317

Consultants Bureau

Scientific - Chemistry *23,836* CTS 68/May 55

Investigation of Compounds Containing a Three-Membered Oxide Ring. VI. Reaction of Ethyl- $\beta$ -methyl- $\beta$ -ethylglycidate With Aniline, by V. F. Martynov, Ya. A. Kastron, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9, USSR, Sep 1953, pp 1559-1562. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,937

Compounds Containing a Three-membered Oxide  
Ring. VII. Reaction of *S,S*-Dimethylglycidamide  
With Cyclohexyl-, Dicyclohexyl- and Benzylamines,  
by V. F. Martynov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,  
USSR, Oct 1953, pp 1654-1658. CIA D 151002

Consultants Bureau

Scientific - Chemistry

20,598

CTS 64/Jan 55



Compounds Containing a Three-membered Oxide  
Ring. VIII. Reaction of  $\beta,\beta$ -Tetramethylene-  
glycidate With Aniline, by V. F. Martynov, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 10,  
USSR, Oct 1953, pp 1659-1661. CIA 0 151002

Consultants Bureau

Scientific - Chemistry

CTB 64/Jan 55

20,599

Martynov, V. F. and Titov, M. I.  
THE USE OF ETHYL FLUOROACETATE IN THE  
DARZENS REACTION. 13 July 61 [3]p. 2 refs.  
Order from OTS or SLA \$1.10 61-18686

Trans. of Zhurnal Obshchei Khimii (USSR) 1960,  
v. 30, no. 12, p. 4107-4108.

DESCRIPTORS: \*Acetates, \*Fluorides, \*Ethyl radicals,  
Condensation reactions, Synthesis, Decomposition,  
Water, Molecular weight, Chemical analysis.

Ethyl fluoroacetate was condensed with benzaldehyde  
in the presence of dry sodium ethoxide under the usual  
conditions for this synthesis, without any precaution.  
Results showed that the Darzens reaction goes by an  
aldol mechanism. (Author)

(Chemistry--Organic, TT, v. 6, no. 9)

61-18686

I. Darzens reaction  
I. Martynov, V. F.  
II. Titov, M. I.

Office of Technical Services

Effect of Cooling on the Emulsifying Power of  
Proteins, by V. M. Martynov, 4 pp.

RUSSIAN, bimo per, Kolloid. Zhur, Vol XVIII, No 4,  
Jul/Aug 1956, pp 443-446.

Consultants Bureau

Sci - Physics  
Jun 1957

48,383

Measurement of the Saturated Vapor Pressure  
of Lubricants, by V. M. Martynov, et. V. Kor-

RUSSIAN, *eng.* Khimiya i Tekhnologiya Topliv i  
Masel, no 12, 1968, pp 62-63.  
\*FBI TT-65-1068

sci-1/2  
Jul 68

To the Problem of Synthesis in Consistent Lubri-  
cants (The Effect of the Temperature on the  
Synthesis (Contraction) of Gel of the Lithium  
Stearate in Oil MVP), by V. M. Martynov.

RUSSIAN, no per, Khim i Tekh Topliva, No 9,  
1956, pp 63-66.

Tech and Comm

\$40.00

43,892

Sci - Fuels  
Feb 1957 CTS/dox

Improved Deep Drawing of Austenitic Stainless  
Steels, by V. P. Martynov.

RUSSIAN, per, Kuz Shtamp Proiz, Vol III, No 5,  
1961, pp 11, 12.

HB 5593

Sci-Min/Int  
Jan 63

219,993

Effect of Electron Velocity Scatter in Parametric  
Space-charge Wave Amplifier, by V. M. Lopukhin,  
V. P. Martynov, 7 PP.

RUSSIAN, ref, Radiotekh i Elektron, Vol V, No 10,  
1960, pp 1614-1618.

PP

Sci

mag 61

167,604

Phase Transformations  $\gamma \rightleftharpoons \alpha$  during the Ageing of 18-8  
Type Steels Previously Deformed at a Negative Temper-  
ature, by A. N. Chukhleb, V. P. Martynov, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 2, 1960  
pp 240-244.

PP

165, 643

Sci

Aug 61



Investigation of Compounds Containing a  
Large Membered Oxide Ring. V. Reaction  
of Isopropyl 2,5'-Dimethylglycidate With  
o- and p-Toluidine, 2-3 by V. P. Martynov,  
1953.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 6, Jan 1953, USSR, pp 999-1001.  
CZA 12 12 53 37

Consultants Bureau

Scientific - Chemistry

CTS/DEX

18,715

Martynov, V. M. and Kuchinskaya, N. D.  
MOISTURE VAPOR TRANSMISSION THROUGH THREE  
LAYERS OF LUBRICATING GREASES [Proniknovenie  
Parov Vody Cherez Tonkie Sloi Konsistentnykh Smazok].  
[1962] 9p.

Order from ATS \$13.00

ATS-52P63R

Trans. of Khimiya i Tekhnologii Topliv i Masel  
(USSR) 1958, v. 3, no. 10, p. 64-69.

DESCRIPTORS: \*Corrosion research, \*Lubricants,  
\*Greases, Water vapor, Penetration.

(Materials--Lubricants, TT, v. 9, no. 1)

62-34257

I. Martynov, V. M.  
II. Kuchinskaya, N. D.  
III. ATS-52P63R  
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